

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1263	plasma with ( chamber or encloure or envelope or tube or volume) and magnets same (volume or chamber or encloure or envelope or tube or volume) and magnets same (rods or supports)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 20:19
S2	656	S1 and @pd<="20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 20:19

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	79472	ion near4 source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 09:42
S2	0	(ionization near3 volume\$1)with (gas or vapor) and ion with aperture same ion near4 beam and (source) same emitting near4 electrons and first near4 mode and second near4 mode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 09:45
S3	18	(ionization near3 volume\$1) with (gas or vapor) and ion with aperture same ion near4 beam and (source) same emitting near4 electrons and mode\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 10:13
S4	15	S3 and (first and second) with source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 11:17
S5	0	S3 and (first and second) with electron near4 source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 10:14
S6	15	S3 and (first and second) near4 source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 10:14
S7	15	S3 and (first and second) near4 source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 11:17
S8	15	S7 and mode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 11:40

## EAST Search History

S9	359	source with (gas or vapor) and ion near4 source same ((gas or vapor) and (atomic near4 ion\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 11:41
S10	25	S9 and (first and second) with mode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 11:50
S11	2	S10 and @pd<="19991213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 11:54
S12	57	atomic near4 ion\$1 and molecular near4 ion\$1 and ( first and second) with mode\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:00
S13	10	S12 and @pd<="19991213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:09
S14	2	(atomic near4 ion\$1 and molecular near4 ion\$1) same (( first and second) with mode\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:09
S15	57	(atomic near4 ion\$1 and molecular near4 ion\$1) and (( first and second) with mode\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:09
S16	10	S15 and @pd<="19991213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:16

## EAST Search History

S17	1213	atomic near4 ion\$1 and molecular near4 ion\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:35
S18	415	(gas or vapor) and ion near source and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:16
S19	142	S18 and @pd<="19991213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:37
S20	1	S19 and (first and second) near mode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:43
S21	14	S19 and hot and cold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:27
S22	0	atomic near4 ion\$1 and molecular near4 ion\$1 and (control\$3 or switch\$3) and ion near soure with (gas or vapor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:36
S23	0	atomic near4 ion\$1 and molecular near4 ion\$1 and (control\$3 or switch\$3 or mode) and ion near soure same (gas or vapor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:36
S24	256	atomic near4 ion\$1 and molecular near4 ion\$1 and (control\$3 or switch\$3 or mode) and ion near source same (gas or vapor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:36

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(plasma and chamber and magnets and field and rod\$1 same magnets and wall\$1).clm.	US-PGPUB	OR	ON	2007/07/16 18:31

## EAST Search History

S25	90	S24 and @pd<="19991213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:42
S26	0	ion near3 source same (atomic near4 ion\$1 and molecular near4 ion\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:42
S27	165	ion near3 source same (atomic near4 ion\$1 and molecular near4 ion\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:42
S28	77	S27 and @pd<="19991213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:42
S29	3	S28 and ((first and second) near4 (mode or switch\$3 or volatge near4 source or control\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:44
S30	4	S28 and ((first and second) near4 (mode or switch\$3 or voltage near4 source or control\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:46
S31	61	S28 and (mode or switch\$3 or voltage near4 source or control\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:46
S32	11	S31 and cold and hot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 12:47

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1263	plasma with ( chamber or encloure or envelope or tube or volume) and magnets same (volume or chamber or encloure or envelope or tube or volume) and magnets same (rods or supports)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 20:19
S2	656	S1 and @pd<="20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/15 20:19